



Released: August 22, 2005
Issue No. CW-33-05

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USDA, NASS, MINNESOTA FIELD OFFICE, IN COOPERATION WITH THE NATIONAL WEATHER SERVICE
TWIN CITIES INT'L AIRPORT, UNIV. OF MINN. EXTENSION SERVICE, AND STATE CLIMATOLOGY, FSA, NRCS, DNR

RAIN HALTS WHEAT AND CANOLA HARVEST AFTER MIDWEEK

Widespread rain brought the wheat and canola harvest to a standstill after midweek in northwestern Minnesota, according to the USDA, NASS, Minnesota Field Office. Heavy precipitation in that part of the State, totaling over 4 inches in some areas, left standing water in many fields. Late-season crop development continued ahead of average, as the sweet-corn harvest neared the halfway point, slightly ahead of average.

The average temperature for the week was 66.3 degrees, 1.4 degrees below normal. Statewide topsoil moisture supplies as of August 19th were rated 7% very short, 17% short, 65% adequate, and 11% surplus.

An estimated 54% of Spring Wheat acreage was harvested as of Sunday, compared with 27% for the same date in 2004 and 58% for the five-year average. Oats were 90% harvested, compared with 61% last year and 82% for the five-year average. Barley was 96% harvested, compared with 29% last year and 69% for the five-year average.

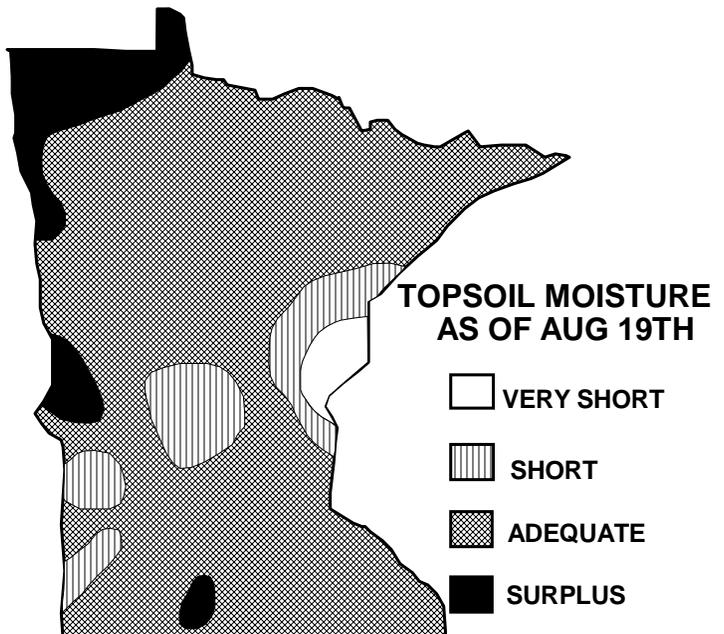
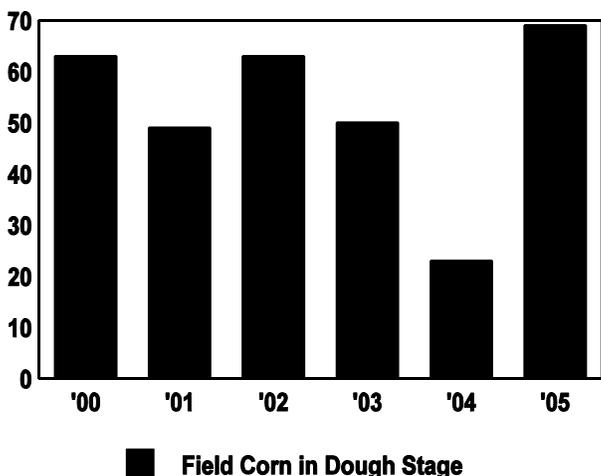
Sixty-nine percent of the corn was in the dough stage versus 23% last year and 49% for the five-year average. Twenty-one percent of the corn was at dent stage versus 4% last year and 14% for the 5-year average. Three percent of the soybeans were turning yellow compared with 0% last year and 3% for the five-year average.

Days Suitable for Fieldwork: 5.1				
	Very Short	Short	Adequate	Surplus
Topsoil Moisture (%)	7	17	65	11

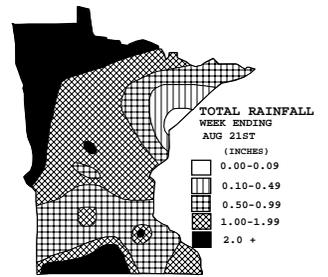
Crop Progress as of August 21, 2005					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
		----- Percent -----			
Corn	Dough	69	42	23	49
	Dent	21	5	4	14
Soybeans	Turning Yellow	3	1	0	3
Oats	Harvested	90	82	61	82
Barley	Harvested	96	73	29	69
Spring Wheat	Harvested	54	43	27	58
Potatoes	Harvested	16	5	16	10
Canola	Harvested	48	30	2	20
Sweet Corn	Harvested	44	32	28	42

Crop Condition as of August 19, 2005 in %					
	Very Poor	Poor	Fair	Good	Exc
Pasture	5	17	34	38	6
Field Corn	3	5	23	49	20
Soybeans	2	5	30	45	18
Dry Beans	2	5	40	40	13
Potatoes	2	2	26	60	10
Sunflowers	1	7	47	39	6
Sugarbeets	2	10	34	40	14
Canola	20	31	42	6	1

PERCENT OF FIELD CORN IN DOUGH STAGE
AS OF AUGUST 21, 2005



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING August 21, 2005:
 Temperatures averaged from 2.8 degrees below normal in the
 Northeast District to normal in the East Central District.
 Extremes: 87° in Canby, Becker, Collegeville and Forest Lake; 38° in
 Hibbing. Precipitation averaged from 0.50 inch below normal in the
 Northeast District to 3.10 inches above normal in the Northwest
 District. Greatest weekly total was 4.50 inches recorded in Crookston.



Precipitation and Temperature Summary for 8/15/2005 through 8/21/2005

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	Since 4/1	Since May 4	Depart from Norm
<u>NW DIST 1</u>										
Crookston	83	48	65.8	-2.3	4.50	3.83	2.76	2.75	1723	-46
Moorhead	83	49	67.3	-1.8	4.37	3.80	3.29	5.68	1855	6
Warroad	75	51	62.6	-3.0	2.32	1.67	1.10	4.59	1508	-42
<u>NC DIST 2</u>										
Grand Rapids	83	46	63.8	-1.1	.78	-.04	-1.17	-2.53	1631	77
Intl. Falls	75	47	59.0	-4.8	2.76	2.05	1.10	3.93	1396	-64
Itasca	81	44	63.2	-1.2	1.69	.85	-.51	-.36	1620	164
<u>NE DIST 3</u>										
Duluth	78	50	63.2	-.4	.07	-.88	-1.48	-1.74	1447	95
Grand Marais	76	46	59.2	-3.7	.54	-.16	-1.41	-1.25	960	-26
Hibbing	78	38	59.2	-4.3	.30	-.46	-1.19	-6.53	1433	19
<u>EC DIST 4</u>										
Alexandria	83	52	66.6	-1.1	.80	-.03	-.82	.42	1843	73
Browns Valley	83	45	67.6	-2.3	2.32	1.70	2.36	5.78	1935	-16
Canby	87	52	70.1	-.8	.85	.23	-.75	-.69	2125	85
Fergus Falls	83	50	67.2	-1.1	2.01	1.29	3.63	7.02	1893	102
Montevideo	85	45	67.9	-1.7	.80	.08	-1.57	2.04	2007	63
Morris	82	47	66.4	-2.6	1.17	.43	-.35	1.54	1881	-15
<u>CENT DIST 5</u>										
Becker	87	53	68.7	1.6	1.71	.73	-1.24	-1.45	2035	282
Collegeville	87	55	69.6	-.4	.46	-.42	-2.11	-.38	2088	109
Hutchinson	85	50	68.8	-.4	.58	-.35	-.29	1.71	2061	92
Olivia	84	48	66.5	-1.9	1.47	.69	.87	3.98	1983	63
St. Cloud	84	47	66.8	-.3	1.15	.23	-1.57	-2.41	1949	196
Staples	79	49	65.2	-.3	2.38	1.67	2.04	4.08	1711	127
Willmar	84	50	68.0	-.7	.46	-.42	-2.34	-4.28	1995	83
<u>EC DIST 6</u>										
Aitkin	81	48	65.0	.4	0m	-.88m	-.37m	.99m	1720	219
Forest Lake	87	50	69.0	.6	1.03	-.02	-2.20	-4.08	2049	181
MSP Airport	84	56	70.6	.1	.61	-.32	1.29	-1.01	2236	199
St. Paul - UofM	85	54	70.0	-1.0	.75	-.25	-.88	-1.72	2202	113
<u>SW DIST 7</u>										
Lamberton	84	46	67.4	-1.8	.65	-.12	-.03	2.67	2034	40
Pipestone	83	43	66.6	-2.6	.91	.21	2.56	4.64	1966	54
Redwood Falls	85	50	68.5	-2.4	.92	.10	.10	1.08	2070	-31
Worthington	83	49	68.3	.2	2.42	1.62	1.14	3.29	2017	149
<u>SC DIST 8</u>										
Faribault	86	46	67.0	-1.7	2.61	1.59	-.03	1.32	2036	137
Mankato	84	50	67.9	-1.8	2.82	1.79	.64	-.36	2043	63
Waseca	85	50	68.4	-.4	.52	-.54	-.98	1.93	2086	153
Winnebago	84	53	69.2	-.2	2.73	1.76	2.40	6.01	2096	117
<u>SE DIST 9</u>										
Preston	82	48	67.7	-.4	1.16	.09	3.08	2.34	1925	105
Red Wing	84	50	68.8	-1.0	.65	-.24	-1.41	-3.55	2104	140
Rochester	83	50	67.4	-.3	.62	-.36	-.46	-3.90	2015	214
Rosemount	82	50	67.0	-2.3	.44	-.61	-.03	-3.74	2048	84
Winona	84	55	69.8	-1.9	1.80	.87	4.04	1.11	2186	17

m=some data missing

Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum of 50 degrees.

The MINNESOTA WEEKLY CROP-WEATHER REPORT (USPS-387190) is published weekly in April through November (crop season). Subscription rates are \$15.00 per year for non-reporters and free to survey respondents by the Minnesota Agricultural Statistics Service, P O Box 7068, St. Paul, MN 55107. Periodicals postage paid at St. Paul, Minnesota and other mailing offices. POSTMASTER: Send address changes to the MINNESOTA WEEKLY CROP-WEATHER REPORT, P O Box 7068, St. Paul, MN 55107.

Address Service Requested

Minnesota Crop-Weather Report
 WEEKLY NEWS REPORT
 Publication No. 387190

USDA, NASS, Minnesota Field Office
 PO Box 7068, ST. PAUL, MN 55107

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